

ABSTRACT OF THE DISCLOSURE

In a mobile communication using satellites, the present invention allows a mobile to receive a service wherever it is. To do so, when positioning the current location of a mobile using a satellite that sends the GPS signal, the mobile receives an electric wave directly from the satellite for performing positioning when the electric wave can be received directly from the satellite. On the other hand, when an electric wave cannot be received directly from the satellite, the mobile receives an electric wave from a pseudo-satellite or performs positioning using a wireless network between other mobiles and the mobile. Positioning may also be performed using an indoor wireless network.